

Patent Claims

1. UV filters in powder form, obtainable by spray-drying or freeze-drying a dispersion comprising UV filters.
2. UV filters in powder form according to Claim 1, characterised in that the dispersion is aqueous.
3. UV filters in powder form according to Claim 1 or 2, characterised in that the UV filters are encapsulated and/or unencapsulated organic UV filters.
4. UV filters in powder form according to Claim 1, characterised in that the UV filters are encapsulated organic UV filters.
5. UV filters in powder form according to Claim 4, characterised in that the walls of the capsules are inorganic.
6. UV filters in powder form according to Claim 5, characterised in that the walls of the capsules are built up from silica gel or silicon dioxide.
7. UV filters according to Claim 4, characterised in that the capsules comprise further substances.
8. UV filters according to Claim 7, characterised in that the substances are photostabilisers, cosmetic oils and/or antioxidants.
9. UV filters in powder form according to one of Claims 1 to 8, characterised in that the powder is additionally after-treated.

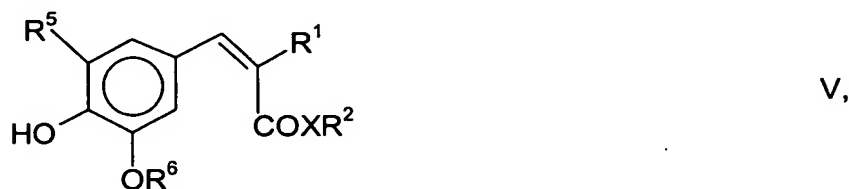
10. Process for the preparation of UV filters in powder form according to Claim 1, characterised in that dispersions of UV filters are spray-dried or freeze-dried.
- 5 11. Process according to Claim 10, characterised in that the UV filters are encapsulated and/or unencapsulated organic UV filters.
12. Process according to Claim 10 or 11, characterised in that the UV filters are encapsulated organic UV filters.
- 10 13. Process according to one of Claims 10 to 12, characterised in that the UV filters are in particulate form.
14. Process according to Claim 13, characterised in that the size of the UV filters in particulate form is 10 nm to 100 μ m.
- 15 15. Process according to one of Claims 10 to 14, characterised in that additives are introduced before or during the process.
- 20 16. Process according to one of Claims 10 to 15, characterised in that the UV filters in powder form are after-treated.
17. Compositions having light-protection properties comprising UV filters in powder form according to Claim 1.
- 25 18. Composition according to Claim 17, characterised in that it is a composition which can be applied topically.
19. Composition according to Claim 17, characterised in that it is a composition for decorative cosmetics.
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20. Composition having light-protection properties according to at least one of the preceding claims, characterised in that the composition additionally comprises at least one organic and/or inorganic UV filter.

5 21. Composition having light-protection properties according to at least one of the preceding claims, characterised in that the composition comprises at least one self-tanning agent.

10 22. Composition having light-protection properties according to at least one of the preceding claims, characterised in that the composition comprises at least one photostabiliser.

15 23. Composition according to Claim 22, characterised in that the photostabiliser is selected from the compounds conforming to the formula V



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where

R^1 is selected from $-C(O)CH_3$, $-CO_2R^3$, $-C(O)NH_2$ and $-C(O)N(R^4)_2$;

X is O or NH;

R^2 stands for a linear or branched C_{1-30} -alkyl radical;

25 R^3 stands for a linear or branched C_{1-20} -alkyl radical,

all R^4 , independently of one another, stand for H or linear or branched C_{1-8} -alkyl radicals

R^5 stands for H, a linear or branched C_{1-8} -alkyl radical or a linear or branched $-O-C_{1-8}$ -alkyl radical and

30 R^6 stands for a C_{1-8} -alkyl radical.

24. Composition having light-protection properties according to at least one of the preceding claims, characterised in that the composition comprises one or more further UV filters selected from the group consisting of 3-(4'-methylbenzylidene)-dl-camphor, octyl methoxycinnamate, 3,3,5-trimethylcyclohexyl salicylate, 2-ethylhexyl 4-(dimethylamino)benzoate, 2-ethylhexyl 2-cyano-3,3-diphenylacrylate, 2-phenylbenzimidazole-5-sulfonic acid, and the potassium, sodium and triethanolamine salts thereof.
25. Composition having light-protection properties according to at least one of the preceding claims, suitable for the protection of body cells against oxidative stress, characterised in that it preferably comprises one or more antioxidants.
26. Composition having light-protection properties according to at least one of the preceding claims, characterised in that it is an emulsifier-free emulsion.
27. Process for the preparation of a composition, characterised in that a UV filter according to Claim 1 is mixed with a cosmetically or dermatologically suitable carrier and optionally further ingredients.